

Form PTO-948 (Rev. 06/03)
Application No. 10/1051,377U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 1-18-02 are:

A. Approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. ~~Rejected~~ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(j)
<input type="checkbox"/> Color drawings are not acceptable until petition is granted. Fig(s) _____	<input type="checkbox"/> Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____
<input type="checkbox"/> Pencil and non black ink not permitted. Fig(s) _____	9. SCALE. 37 CFR 1.84(k)
2. PHOTOGRAPHIC. 37 CFR 1.84(b)	<input type="checkbox"/> Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____
<input type="checkbox"/> One (1) full-tone set is required. Fig(s) _____	10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)
<input type="checkbox"/> Photographs may not be mounted. 37 CFR 1.84(c)	<input type="checkbox"/> Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) _____
<input type="checkbox"/> Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) _____	11. SHADING. 37 CFR 1.84(m)
<input type="checkbox"/> Poor quality (half-tone). Fig(s) _____	<input type="checkbox"/> Solid black areas pale. Fig(s) _____
3. TYPE OF PAPER. 37 CFR 1.84(e)	<input type="checkbox"/> Solid black shading not permitted. Fig(s) _____
<input type="checkbox"/> Paper not flexible, strong, white, and durable. Fig(s) _____	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)
<input type="checkbox"/> Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____	<input type="checkbox"/> Numbers and reference characters not plain and legible. Fig(s) _____
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:	<input type="checkbox"/> Figure legends are poor. Fig(s) _____
<input type="checkbox"/> 21.0 cm by 27.7 cm (DIN size A4) or	<input type="checkbox"/> Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)
<input type="checkbox"/> 21.6 cm by 27.9 cm (8 1/2 x 11 inches)	<input type="checkbox"/> Fig(s) _____
<input type="checkbox"/> All drawing sheets not the same size. Sheet(s) _____	<input type="checkbox"/> English alphabet not used. 37 CFR 1.84(p)(2)
<input type="checkbox"/> Drawing sheets not an acceptable size. Fig(s) _____	<input type="checkbox"/> Fig(s) _____
5. MARGIN. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm	<input type="checkbox"/> Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) _____
<input type="checkbox"/> Margins not acceptable. Fig(s) <u>A/C</u>	13. LEAD LINES. 37 CFR 1.84(q)
<input type="checkbox"/> Top (T) Left (L) Right (R) Bottom (B)	<input type="checkbox"/> Lead lines missing. Fig(s) _____
6. VIEWS. 37 CFR 1.84(h)	14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)
REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification at the Brief Description of the Drawings, must likewise be changed.	<input type="checkbox"/> Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) _____
<input type="checkbox"/> Views not labeled separately or properly. Fig(s) _____	15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)	<input type="checkbox"/> Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
<input type="checkbox"/> Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____	16. DESIGN DRAWINGS. 37 CFR 1.152
	<input type="checkbox"/> Surface shading shown not appropriate. Fig(s) _____
	<input type="checkbox"/> Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) _____

COMMENT: _____

Reviewer John S. Turner
If you have questions, call (703) 305-8404.Date 3-14-2005
Attachment to Paper No. _____